

**From:** Leon, Sandra [Leon.Sandra@epa.gov]  
**Sent:** 9/14/2020 10:39:11 PM  
**To:** Pierce, Jennifer [pierce.jennifer@epa.gov]; Lieben, Ivan [Lieben.Ivan@epa.gov]  
**CC:** Garnett, Desean [Garnett.Desean@epa.gov]  
**Subject:** RE: [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

## Ex. 5 Attorney Client (AC)

Sandra Leon  
Office of Regional Counsel  
U.S. Environmental Protection Agency, Region IX  
75 Hawthorne Street, M/S ORC-2  
San Francisco, CA 94105  
Telephone: (415) 972-3878  
Fax: (415) 947-3570

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**From:** Pierce, Jennifer <pierce.jennifer@epa.gov>  
**Sent:** Monday, September 14, 2020 2:59 PM  
**To:** Leon, Sandra <Leon.Sandra@epa.gov>; Lieben, Ivan <Lieben.Ivan@epa.gov>  
**Cc:** Garnett, Desean <Garnett.Desean@epa.gov>  
**Subject:** RE: [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

## Ex. 5 Attorney Client (AC)

Jenny

Assistant Regional Counsel  
EPA Region 9, Office of the Regional Counsel  
Direct: (415) 972-3883

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**From:** Leon, Sandra <Leon.Sandra@epa.gov>  
**Sent:** Monday, September 14, 2020 1:59 PM  
**To:** Pierce, Jennifer <pierce.jennifer@epa.gov>; Lieben, Ivan <Lieben.Ivan@epa.gov>  
**Cc:** Garnett, Desean <Garnett.Desean@epa.gov>  
**Subject:** RE: [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

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**From:** Pierce, Jennifer <[pierce.jennifer@epa.gov](mailto:pierce.jennifer@epa.gov)>  
**Sent:** Monday, September 14, 2020 1:47 PM  
**To:** Leon, Sandra <[Leon.Sandra@epa.gov](mailto:Leon.Sandra@epa.gov)>; Lieben, Ivan <[Lieben.Ivan@epa.gov](mailto:Lieben.Ivan@epa.gov)>  
**Cc:** Garnett, Desean <[Garnett.Desean@epa.gov](mailto:Garnett.Desean@epa.gov)>  
**Subject:** RE: [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

Privileged/confidential – attorney client

Hi Sandy,

# Ex. 5 Attorney Client (AC)

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**From:** Leon, Sandra <[Leon.Sandra@epa.gov](mailto:Leon.Sandra@epa.gov)>  
**Sent:** Monday, September 14, 2020 11:47 AM  
**To:** Lieben, Ivan <[Lieben.Ivan@epa.gov](mailto:Lieben.Ivan@epa.gov)>; Pierce, Jennifer <[pierce.jennifer@epa.gov](mailto:pierce.jennifer@epa.gov)>  
**Subject:** RE: [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

# Ex. 5 Attorney Client (AC)

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Sandra Leon  
Office of Regional Counsel  
U.S. Environmental Protection Agency, Region IX  
75 Hawthorne Street, M/S ORC-2  
San Francisco, CA 94105  
Telephone: (415) 972-3878  
Fax: (415) 947-3570

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**From:** Lieben, Ivan <[Lieben.Ivan@epa.gov](mailto:Lieben.Ivan@epa.gov)>  
**Sent:** Friday, September 11, 2020 10:34 AM  
**To:** Pierce, Jennifer <[pierce.jennifer@epa.gov](mailto:pierce.jennifer@epa.gov)>; Engelman, Alexa <[ENGELMAN.ALEXA@EPA.GOV](mailto:ENGELMAN.ALEXA@EPA.GOV)>  
**Cc:** Garnett, Desean <[Garnett.Desean@epa.gov](mailto:Garnett.Desean@epa.gov)>; Leon, Sandra <[Leon.Sandra@epa.gov](mailto:Leon.Sandra@epa.gov)>; Wells, Kimberly <[wells.kimberly@epa.gov](mailto:wells.kimberly@epa.gov)>; Hagler, Tom <[Hagler.Tom@epa.gov](mailto:Hagler.Tom@epa.gov)>; Campbell, Rich <[Campbell.Rich@epa.gov](mailto:Campbell.Rich@epa.gov)>  
**Subject:** RE: [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

# Ex. 5 Attorney Client (AC)

BTW, Sandy is back next week, so if this can wait, it would be good to get her take on this as well.

I am also including Rich and Tom in case they have any thoughts on it.

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**From:** Pierce, Jennifer <[pierce.jennifer@epa.gov](mailto:pierce.jennifer@epa.gov)>  
**Sent:** Friday, September 11, 2020 9:23 AM  
**To:** Lieben, Ivan <[Lieben.Ivan@epa.gov](mailto:Lieben.Ivan@epa.gov)>; Engelman, Alexa <[ENGELMAN.ALEXA@EPA.GOV](mailto:ENGELMAN.ALEXA@EPA.GOV)>  
**Cc:** Garnett, Desean <[Garnett.Desean@epa.gov](mailto:Garnett.Desean@epa.gov)>; Leon, Sandra <[Leon.Sandra@epa.gov](mailto:Leon.Sandra@epa.gov)>; Wells, Kimberly <[wells.kimberly@epa.gov](mailto:wells.kimberly@epa.gov)>  
**Subject:** FW: [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

Privileged/confidential

Hi all,

# Ex. 5 Attorney Client (AC)

# Ex. 5 Attorney Client (AC)

# Ex. 5 Attorney Client (AC)

Jenny

Assistant Regional Counsel  
EPA Region 9, Office of the Regional Counsel  
Direct: (415) 972-3883

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**From:** Ho, Yenhung <[Ho.Yenhung@epa.gov](mailto:Ho.Yenhung@epa.gov)>  
**Sent:** Thursday, September 10, 2020 5:27 PM  
**To:** Pierce, Jennifer <[pierce.jennifer@epa.gov](mailto:pierce.jennifer@epa.gov)>; Garnett, Desean <[Garnett.Desean@epa.gov](mailto:Garnett.Desean@epa.gov)>  
**Subject:** RE: [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

Hi Jenny,

# Ex. 5 Attorney Client (AC)

**Ex. 5 Attorney Client (AC)**

Calvin

**From:** Pierce, Jennifer <perce.jennifer@epa.gov>

**Sent:** Thursday, September 10, 2020 4:21 PM

**To:** Ho, Yenhung <Ho.Yenhung@epa.gov>; Garnett, Desean <Garnett.Desean@epa.gov>

**Subject:** RE: [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

Hi Calvin,

**Ex. 5 Attorney Client (AC)**

Jenny

Assistant Regional Counsel

EPA Region 9, Office of the Regional Counsel

Direct: (415) 972-3883

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**From:** Ho, Yenhung <Ho.Yenhung@epa.gov>

**Sent:** Thursday, September 10, 2020 3:34 PM

**To:** Pierce, Jennifer <perce.jennifer@epa.gov>; Garnett, Desean <Garnett.Desean@epa.gov>

**Subject:** FW: [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

**Ex. 5 Attorney Client (AC)**

Thanks,  
Calvin

Calvin Ho  
Groundwater Protection Section  
Water Division (WTR-4-2)  
U.S. EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
415-972-3262

**From:** Natalie Nowiski <NNowiski@slb.com>

**Sent:** Wednesday, September 9, 2020 1:54 PM

**To:** Albright, David <Albright.David@epa.gov>; Ho, Yenhung <Ho.Yenhung@epa.gov>

**Cc:** 'Rebecca Hollis' <rhollis@cleanenergysystems.com>

**Subject:** RE: [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

Dear David and Calvin,

Hope you are doing well.

We are hoping you could provide some clarity on a question that has arisen with respect to the ESA and NHPA requirements.

We are currently ascertaining the parameters of the 3D seismic that will be conducted for the Class VI Permitting application. My understanding is that the required land area for this survey (10 – 18 square miles) will be substantially larger than the AoR itself (2.5 square miles) . For the purposes of the ESA and NHPA review, does the analysis need to be performed only on the AoR, or does it need to extend to the property that will be included in the 3D seismic?

A variety of permits will be required to be obtained from various government agencies (city, county, state & federal), which likely will require some form of environmental analysis and other pertinent reviews. We understand that the EPA is not involved in the 3-D seismic permitting process; however, since the data from 3D seismic is required as part of the permitting process, it is an incidental action to the Class VI Permit.

Your advice and guidance on this issue would be very much appreciated.

Best regards,  
Natalie

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**From:** Albright, David <[Albright.David@epa.gov](mailto:Albright.David@epa.gov)>  
**Sent:** Wednesday, August 19, 2020 2:11 PM  
**To:** Rebecca Hollis <[rhollis@cleanenergysystems.com](mailto:rhollis@cleanenergysystems.com)>; Ho, Yenhung <[Ho.Yenhung@epa.gov](mailto:Ho.Yenhung@epa.gov)>  
**Cc:** Natalie Nowiski <[NNowiski@slb.com](mailto:NNowiski@slb.com)>  
**Subject:** [Ext] RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

Hi Rebecca, just to clarify, we are not intending to go over our letter in today's call. The call was requested by Natalie to discuss status and process of our application review and we just happened to get this letter out today. Hope that helps. David

David Albright  
Manager, Groundwater Protection Section  
USEPA Region 9 (WTR-4-2)  
75 Hawthorne Street  
San Francisco, CA 94105  
415 972-3971

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**From:** Rebecca Hollis <[rhollis@cleanenergysystems.com](mailto:rhollis@cleanenergysystems.com)>  
**Sent:** Wednesday, August 19, 2020 11:57 AM  
**To:** Ho, Yenhung <[Ho.Yenhung@epa.gov](mailto:Ho.Yenhung@epa.gov)>  
**Cc:** Albright, David <[Albright.David@epa.gov](mailto:Albright.David@epa.gov)>; Natalie Nowiski <[NNowiski@slb.com](mailto:NNowiski@slb.com)>  
**Subject:** RE: EPA Site Characterization Evaluation of CES Class VI Permit Application

Thank you, Calvin. Received.  
I will review as much as possible before our call.

Best Regards,  
-Rebecca

Rebecca Hollis

Director Business Development -



3035 Prospect Park Drive, Suite 120  
Rancho Cordova, CA 95670

Main: 916-638-7967

Mobile: 916-798-4114 *← please use this number while CES is working remotely*

[rhollis@cleanenergysystems.com](mailto:rhollis@cleanenergysystems.com)

*The Power to Reverse Climate Change*

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**From:** Ho, Yenhung <[Ho.Yenhung@epa.gov](mailto:Ho.Yenhung@epa.gov)>

**Sent:** Wednesday, August 19, 2020 11:28 AM

**To:** Rebecca Hollis <[rhollis@cleanenergysystems.com](mailto:rhollis@cleanenergysystems.com)>

**Cc:** Albright, David <[Albright.David@epa.gov](mailto:Albright.David@epa.gov)>; Natalie Nowiski <[NNowiski@slb.com](mailto:NNowiski@slb.com)>

**Subject:** EPA Site Characterization Evaluation of CES Class VI Permit Application

Hi Rebecca,

We will upload the attached EPA site characterization evaluation of CES Class VI permit application to the GSDT at a later time, but are providing you a copy of the document for our call today.

Regards,  
Calvin

Calvin Ho  
Groundwater Protection Section  
Water Division (WTR-4-2)  
U.S. EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
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